

AMENDMENTS TO THE CLAIMS:

1. (currently amended) A one-touch type foldable tent, comprising:

a center connection assembly ~~100A~~ that includes:

a shaft part ~~111~~ that has a plurality of compression pulling rope holes ~~112~~ at a center portion and has a plurality of engaging protrusions ~~113~~ at a lower side of the shaft part ~~111~~ in a radial direction;

a compression support part ~~110~~ that is formed of an upper plate part ~~115~~ expanded from an upper side of the shaft part ~~111~~ in a horizontal direction;

a vertical through hole ~~122~~ that is configured to receive the shaft part ~~111~~ of the compression support part ~~110~~ therein;

a plurality of pulling rope holes ~~124~~ that are vertically formed at a surrounding portion of the vertical through hole ~~122~~;

a vertical pipe part ~~121~~ that has a plurality of pulling rope fixing rings ~~127~~ at a lower side of the outer surface of the vertical pipe part ~~121~~;

a plurality of rotation guide grooves ~~129~~ that are expanded from an upper side of the vertical pipe part ~~121~~ in a horizontal direction and are formed in a radial direction;

a connection support part ~~120~~ that is formed of a pole support part ~~128~~ having a hinge shaft support protrusion ~~125~~ formed at each rotation guide groove; and

an elastic compression pulling rope ~~140~~ that is inserted into the compression pulling rope hole ~~112~~ and is tied using a finishing plate ~~114~~ of the lower side of the center connection assembly ~~100A~~;

a plurality of frame poles ~~200~~, wherein each frame pole ~~200~~ includes:

a pole member ~~220~~ that is formed of upper and lower joint parts ~~240~~ and ~~230~~, and a molding part ~~210~~ having a pulling rope engaging groove ~~211~~ formed at an end of the pole member and a hinge shaft part ~~212~~ formed at a portion distanced from the pulling rope engaging groove by a certain distance, wherein the hinge shaft part ~~212~~ of the inner end part is inserted, using a pin [[P]], into the hinge shaft support protrusion ~~125~~ formed at a rotation guide groove ~~129~~ of the pole support part ~~128~~; and

a pole pulling rope ~~130~~ that is hung onto the pulling rope engaging groove ~~211~~ and is inserted through the pulling rope holes ~~124~~ of the vertical pipe part ~~121~~ and is hung onto the pulling rope fixing ring ~~127~~ repeatedly; and

a tent cloth ~~300~~ that is installed in such a manner that a ring ~~310~~ is engaged to an intermediate portion of each frame pole ~~200~~.

2. (currently amended) A one-touch type foldable tent, comprising:

a center connection assembly ~~100B~~ that includes:

a shaft part ~~111~~ that has a compression pulling rope hole ~~112~~ at a center portion and has a plurality of engaging protrusions ~~113~~ at a lower side of the shaft part ~~111~~ in a radial direction;

a compression support part ~~110~~ that is formed of an upper plate part ~~115~~ expanded from an upper side of the shaft part ~~111~~ in a horizontal direction;

a vertical pipe part ~~121~~ that has a vertical through hole ~~122~~ for receiving the shaft part ~~111~~ of the compression support part ~~110~~;

a plurality of rotation guide grooves ~~129~~ that are expanded from an upper side of the vertical pipe part ~~121~~ in a horizontal direction and are formed in a radial direction;

a connection support part ~~120~~ that is formed of a hinge shaft support protrusion ~~125~~

formed at each rotation guide groove; and

an elastic compression pulling rope 140 that is inserted into the compression pulling rope hole 112 and is tied using a finishing plate 114 of a lower side of the center connection assembly 100B;

a plurality of poles 200, wherein each pole 200 includes:

a pole member 220 that includes upper and lower joint parts 240 and 230 and is foldable;

a spring insertion part 213 that is inserted into an end of the pole member 220; and

a molding part 210 that is inserted into an end of the pole member 220 and has a spring insertion part 213 and a hinge shaft part 212 at an intermediate portion;

a plurality of opening springs 214 wherein an outer end of each spring 214 is inserted into a spring insertion part 213 of the molding part 210 of each pole 200, and an inner end part of the spring 214 closely contacts with a lower surface of the connection support part 120, and a ring part 214a of the intermediate part is inserted into the hinge shaft support protrusion 125 using a pin [[P]] together with the hinge shaft part 212; and

a tent cloth 300 that is installed in such a manner that rings 310 are engaged to the intermediate portions of the frame poles 200.

3. (currently amended) The tent of ~~either claims 1 or 2~~ claim 1, wherein said vertical through hole 122 of the connection support part 120 includes a rotation prevention vertical groove 123 so that an engaging protrusion 113 formed at an end portion of the shaft part 111 of the compression support part 110 passes through the vertical through hole 122.

4. (currently amended) A one-touch type foldable tent, comprising:

a support assembly ~~160~~ that includes:

a pole hinge support ~~165~~ formed in such a manner that a pair of the pole hinge support ~~165~~ are provided in all directions;

a support plate part ~~161~~ that has an engaging hole ~~161a~~ vertically formed at the center of each pole hinge support ~~165~~; and

a pipe part ~~162~~ that is extended in a lower direction of the support plate part ~~161~~;

a compression plate ~~150~~ that is positioned at an upper side of the support plate part ~~161~~ and includes a mounting member ~~152~~ that is engaged at an engaging hole ~~151~~ of the center using a shaft pin ~~153~~ wherein an engaging protrusion ~~152a~~ of the mounting member ~~152~~ is caught by an engaging hole ~~161a~~ of the support assembly ~~160~~, and a widening elastic member ~~154~~ adapted to widen the mounting member ~~152~~;

a center connection assembly ~~100C~~ that includes:

a lifting and lowering member ~~170~~ including:

a lifting and lowering circular plate ~~174~~ that is connected using a center screw rod ~~171~~ connected at a center portion of the compression plate ~~150~~ and is elastically supported by a mounting spring ~~172~~ in the pipe part ~~162~~ of the support assembly ~~160~~; and

a mounting releasing member ~~173~~ that is guided by an extension part ~~173e~~ inserted through a through hole ~~174a~~ of the lifting and lowering circular plate ~~174~~ and is upwardly and downwardly movable;

a plurality of poles ~~200~~, wherein each pole ~~200~~ includes:

a pole member ~~220~~ that includes upper and lower joint parts ~~240~~ and ~~230~~ and is foldable; and

a molding part ~~210~~ that is inserted into an end portion of the pole member ~~220~~ and has a spring insertion part ~~213~~ and has a hinge shaft part ~~212~~ formed at an intermediate portion;

an opening spring 214 of which one outer end is inserted into a spring insertion part 213 provided at the molding part 210 of the poles, and one inner end is closely contacted with a lower ~~surface~~ surface of the connection support part 160, wherein a ring part 214a of an intermediate portion is inserted into a hinge support 165 using a pin [[P]] together with the hinge shaft part 212; and

a tent cloth 300 that is installed in such a manner that a ring 310 is engaged at an intermediate of each frame pole 200.

5. (currently amended) The tent of claim 4, wherein said compression plate 150 includes a support rod part 155 extended from a center lower surface wherein said support rod part 155 is inserted into a center portion of the support assembly 160, and said support rod part 155 includes a vertical groove 155a formed for the mounting member 152.

6. (currently amended) The tent of claim 4, wherein said lifting and lowering member 170 includes a plurality of widening elastic members 154 inserted from a lower surface of the lifting and lowering circular plate 174, and a washer 176 provided for fixing the widening elastic member and connecting the assistant connection wire material 175.

7. (currently amended) The tent as in ~~claims 1, 2, or 4~~ claim 1, wherein said upper side joint part 240 of the poles 200 which is configured in a structure formed of a joint support part 241 and a joint rotation part 242 at both ends of the opposite pole member and is foldable using a hinge pin [[P]] is capable of generating a force allowing the poles to be unfolded by disposing a joint spring 243.

8. (currently amended) The tent as in ~~claims 1,2, or 4~~ claim 1, wherein said pole ~~200~~ which is foldable with a lower side joint part ~~230~~ includes:

a pole rotation part ~~232~~ that is inserted at a lower side of the pole member ~~220~~ and has a hinge protrusion ~~233b~~ for thereby forming a longitudinal hole ~~232b~~ at one side of an outer surface;

a pole support part ~~231~~ that is inserted into an upper side of another pole member ~~220~~ and has a semicircular cylinder part ~~231a~~ for thereby surrounding a part of the pole rotation part ~~232~~;

a hinge pin [[P]] that passes through the semicircular cylinder part ~~231a~~ and is inserted into the longitudinal hole ~~232b~~; and

a plate spring ~~233~~ by which one end ~~233a~~ is fixedly inserted into the pole support part ~~231~~, and the other end ~~233b~~ is configured to push the pole rotation part ~~232~~ in the semicircular cylinder part ~~231a~~.

9. (currently amended) The tent as in ~~claims 1,2, or 4~~ claim 1, wherein said upper and lower joint parts ~~240 and 230~~ each include a protection part ~~250~~ that surrounds the surrounding portions of the upper and lower joint parts ~~240 and 230~~ and has a connection hole ~~251~~ so that both ends are fixed by a riveting method together with a hinge pin [[P]].

10. (currently amended) The tent of claim 9, wherein said protection part ~~250~~ is longitudinally extended, and is wound at an intermediate portion of each pole by providing a band part ~~252~~ at an end portion of the protection part ~~250~~.

11. (currently amended) The tent of claim 9, wherein said protection part ~~250~~ includes a

binding rope ~~253~~ of which an intermediate portion is fixed at one side surface for thereby binding a support rope ~~320~~ of the tent cloth.

12. (currently amended) The tent as in ~~claims 1,2, or 4~~ claim 1, wherein said pole ~~200~~ includes an insertion member ~~234~~ at a lower end, so that the insertion member ~~234~~ is inserted into a support member ~~235~~ connected using a support band ~~236~~ at a corner bottom portion of the tent cloth ~~300~~, and said insertion member ~~234~~ has a rectangular engaging protrusion ~~234a~~, and said support member ~~235~~ having a nail hole ~~235a~~ for nailing a nail ~~237~~ at an outer side and a rectangular engaging hole ~~235b~~ for inserting the insertion member ~~234~~ and a band hole ~~235e~~ for inserting and connecting the support band ~~236~~ and an inwardly bent engaging piece ~~235d~~ formed at a lower side of the rectangular engaging hole ~~235b~~.

13. (new) The tent of claim 2, wherein said vertical through hole of the connection support part includes a rotation prevention vertical groove so that an engaging protrusion formed at an end portion of the shaft part of the compression support part passes through the vertical through hole.

14. (new) The tent as in claim 2, wherein said upper side joint part of the poles which is configured in a structure formed of a joint support part and a joint rotation part at both ends of the opposite pole member and is foldable using a hinge pin is capable of generating a force allowing the poles to be unfolded by disposing a joint spring.

15. (new) The tent as in claim 4, wherein said upper side joint part of the poles which is configured in a structure formed of a joint support part and a joint rotation part at both ends

of the opposite pole member and is foldable using a hinge pin is capable of generating a force allowing the poles to be unfolded by disposing a joint spring.

16. (new) The tent as in claim 2, wherein said pole which is foldable with a lower side joint part includes:

a pole rotation part that is inserted at a lower side of the pole member and has a hinge protrusion for thereby forming a longitudinal hole at one side of an outer surface;

a pole support part that is inserted into an upper side of another pole member and has a semicircular cylinder part for thereby surrounding a part of the pole rotation part;

a hinge pin that passes through the semicircular cylinder part a and is inserted into the longitudinal hole; and

a plate spring by which one end is fixedly inserted into the pole support part, and the other end is configured to push the pole rotation part in the semicircular cylinder part.

17. (new) The tent as in claim 4, wherein said pole which is foldable with a lower side joint part includes:

a pole rotation part that is inserted at a lower side of the pole member and has a hinge protrusion for thereby forming a longitudinal hole at one side of an outer surface;

a pole support part that is inserted into an upper side of another pole member and has a semicircular cylinder part for thereby surrounding a part of the pole rotation part;

a hinge pin that passes through the semicircular cylinder part a and is inserted into the longitudinal hole; and

a plate spring by which one end is fixedly inserted into the pole support part, and the other end is configured to push the pole rotation part in the semicircular cylinder part.



18. (new) The tent as in claim 2, wherein said upper and lower joint parts each include a protection part that surrounds the surrounding portions of the upper and lower joint parts and has a connection hole so that both ends are fixed by a riveting method together with a hinge pin.

19. (new) The tent of claim 18, wherein said protection part is longitudinally extended, and is wound at an intermediate portion of each pole by providing a band part at an end portion of the protection part.

20. (new) The tent of claim 18, wherein said protection part includes a binding rope of which an intermediate portion is fixed at one side surface for thereby binding a support rope of the tent cloth.

21. (new) The tent as in claim 4, wherein said upper and lower joint parts each include a protection part that surrounds the surrounding portions of the upper and lower joint parts and has a connection hole so that both ends are fixed by a riveting method together with a hinge pin.

22. (new) The tent of claim 21, wherein said protection part is longitudinally extended, and is wound at an intermediate portion of each pole by providing a band part at an end portion of the protection part.

23. (new) The tent of claim 21, wherein said protection part includes a binding rope of

which an intermediate portion is fixed at one side surface for thereby binding a support rope of the tent cloth.

24. (new) The tent as in claim 2, wherein said pole includes an insertion member at a lower end, so that the insertion member is inserted into a support member connected using a support band at a corner bottom portion of the tent cloth, and said insertion member has a rectangular engaging protrusion, and said support member having a nail hole for nailing a nail at an outer side and a rectangular engaging hole for inserting the insertion member and a band hole for inserting and connecting the support band and an inwardly bent engaging piece formed at a lower side of the rectangular engaging hole.

25. (new) The tent as in claim 4, wherein said pole includes an insertion member at a lower end, so that the insertion member is inserted into a support member connected using a support band at a corner bottom portion of the tent cloth, and said insertion member has a rectangular engaging protrusion, and said support member having a nail hole for nailing a nail at an outer side and a rectangular engaging hole for inserting the insertion member and a band hole for inserting and connecting the support band and an inwardly bent engaging piece formed at a lower side of the rectangular engaging hole.